

VERTICAL BENDS														
NOMINAL PIPE SIZE (INCHES)	TEST PRESSURE (PSI)	BENDS LESS THAN OR EQUAL TO ANGLE												ALL BENDS
		11-1/4°			22-1/2°			45°			90°			
		D	E	F	D	E	F	D	E	F	D	E	F	
6"	200	1'-6"	3'-0"	1'-0"	2'-0"	4'-0"	1'-0"	3'-0"	5'-6"	1'-0"	4'-0"	7'-0"	2'-0"	8"
8"	200	2'-0"	4'-0"	1'-0"	2'-6"	5'-0"	1'-0"	3'-6"	7'-0"	2'-0"	5'-0"	10'-0"	3'-6"	10"
10"	200	2'-0"	4'-6"	1'-0"	3'-0"	6'-0"	1'-6"	4'-0"	9'-0"	3'-0"	6'-0"	12'-0"	5'-0"	1'-0"
12"	200	2'-6"	5'-0"	1'-0"	3'-6"	7'-0"	2'-0"	5'-0"	10'-0"	4'-0"	7'-0"	14'-0"	7'-0"	1'-0"

HORIZONTAL BENDS																
NOMINAL PIPE SIZE (INCHES)	TEST PRESSURE (PSI)	DEAD ENDS AND TEES			CROSSES			BENDS LESS THAN OR EQUAL TO ANGLE								ALL BENDS
								11-1/4°		22-1/2°		45°		90°		
		A	B	C	A	B	C	A	B	A	B	A	B	A	B	
6"	200	2'-6"	1'-6"	6"	2'-0"	1'-0"	6"	1'-0"	1'-0"	2'-0"	1'-0"	3'-0"	1'-0"	3'-6"	1'-6"	8"
8"	200	4'-6"	1'-6"	8"	2'-0"	1'-6"	8"	1'-6"	1'-0"	3'-0"	1'-0"	3'-6"	1'-6"	5'-0"	2'-0"	10"
10"	200	5'-6"	2'-0"	10"	2'-6"	2'-0"	10"	2'-0"	1'-0"	3'-0"	1'-6"	4'-0"	2'-0"	6'-0"	2'-6"	1'-0"
12"	200	7'-6"	2'-0"	1'-0"	3'-6"	2'-0"	1'-0"	2'-0"	1'-6"	3'-0"	2'-0"	4'-6"	2'-6"	7'-0"	3'-0"	1'-0"

NOTES:

1. THRUST BLOCK SIZES ARE BASED ON A BEARING CAPACITY OF 1500 P.S.F., WITH A MINIMUM SOIL COVER OF 3'-0".
FOR SOIL COVER OF 2'-0" TO 3'-0", MULTIPLY BEARING AREA BY A FACTOR OF 1.5
FOR SOIL COVER OF 1'-0" TO 2'-0", MULTIPLY BEARING AREA BY A FACTOR OF 3
2. DIMENSIONS SHOWN REFER TO THRUST BLOCK TYPES SHOWN ON DETAIL, AND ARE MINIMUM VALUES ONLY.
3. CONCRETE MIX SHALL CONFORM TO SPECIFICATIONS FOR 3000 LBS. STRENGTH AT 28 DAYS WHEN TESTED IN ACCORDANCE WITH ASTM C39.
4. ALL THRUST BLOCKS SHALL BE POURED SOLIDLY AGAINST FIRM, UNDISTURBED SOIL.
5. CONTRACTOR SHALL NOTIFY THE ENGINEERING DIRECTOR IF SOILS HAVE BEEN PREVIOUSLY EXCAVATED AND BACKFILLED. THE DIRECTOR MAY REQUIRE THAT THE DIMENSIONS SHOWN BE INCREASED BY A FACTOR OF 1.5.
6. CONCRETE POURED AGAINST PIPE FITTINGS SHALL BE PLACED SO THAT VALVES AND FITTINGS ARE ACCESSIBLE FOR REPAIR.
7. WHERE WATER MAIN DEAD ENDS ARE BLIND FLANGED OR CAPPED, THE THRUST BLOCK SHALL EXTEND A MINIMUM DISTANCE OF 6" INTO BOTH SIDES OF THE TRENCH.

ACCOMPANYING STD. T700

CITY OF TORRANCE - ENGINEERING DEPARTMENT

DATE ISSUED

16 NOV 1998

THRUST BLOCK SCHEDULE

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STANDARD NO.

T713-1

SHEET 2 OF 2

DV/EM/T713-1